

IN THE CLAIMS

Please add claim 11, as follows:

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PC

11. A lock, comprising:
a shell containing a hollow recess defining a longitudinal axis and an intenser
cylindrical surface;
a plug rotatable around said longitudinal axis while resident within said hollow
recess, a bar interposed between said shell and said plug to reciprocate generally along a radial plate
between a first position engaging both said shell and said plug while obstructing rotation of said
plug within said recess, and a second position accommodating said rotation; said plug comprising:
a first base bearing a keyway providing a first electrical conductor and an
orifice spaced-apart from and separated by a mass of said plug from said keyway;
a second base separated by an axial length of said plug from said first base,
said second base bearing means for supporting a cam;
an exterior surface extending between and engaging said first base and said
second base;
locking means responsive to a key inserted into said keyway to accommodate
reciprocation of said bar between said first position and said second position when the key
while inserted into said keyway engages in a selected relation with said locking means and
obstructing said reciprocation absent said selected relation;
a second electrical conductor terminating with an electrical contact exposed